IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1.   (currently amended) An image processing system, comprising:

an image pickup device for transferring image data obtained by picking up an image of a subject; and

an image processing apparatus for obtaining the transferred image data ~~transferred from said image pickup device~~;

wherein ~~said~~the image pickup device includes:

image pickup means for picking up the image of ~~said~~the subject and generating ~~said~~the image data;

generating means for generating representative image data representing ~~said~~ the image data generated by ~~said~~the image pickup means; and

supplying means for supplying ~~said~~the representative image data and~~preferentially before said~~ the image data ~~in supplying said image data and said representative image data~~ to ~~said~~the image processing apparatus ~~connected via a network~~, the representative image data being supplied preferentially before the image data; and

~~said~~the image processing apparatus includes:

obtaining means for obtaining ~~said~~the representative image data and ~~said~~the image data supplied from ~~said~~the image pickup device;

displaying means for displaying ~~said~~the representative image data obtained by ~~said~~the obtaining means; and

storing means for storing ~~said~~the representative image data and ~~said~~the image data obtained by ~~said~~the obtaining means in association with each other.

2.   (currently amended) An image processing system, comprising:

an image pickup device for transferring image data obtained by picking up an image of a subject;

an image managing apparatus for managing ~~said~~the transferred image data ~~transferred from said image pickup device~~; and

an image processing apparatus for obtaining ~~said~~ the image data managed by ~~said~~ the image managing apparatus;

wherein ~~said~~the image pickup device includes:

image pickup means for picking up the image of ~~said~~the subject and generating ~~said~~the image data;

generating means for generating representative image data representing ~~said~~the image data generated by ~~said~~the image pickup means; and

first supplying means for supplying ~~said~~the representative image data ~~preferentially before said~~and the image data ~~in supplying said image data and said representative image data~~ to ~~said~~the image managing apparatus, the representative image data being supplied preferentially before the image data ~~connected via a network~~;

~~said~~the image managing apparatus includes:

first obtaining means for obtaining ~~said~~the representative image data and ~~said~~the image data supplied from ~~said~~the image pickup device;

managing means for managing ~~said~~the representative image data and ~~said~~the image data obtained by ~~said~~the first obtaining means in association with each other; and

second supplying means for supplying ~~said~~the representative image data ~~preferentially before said~~and the image data ~~in supplying said image data and said representative image data~~ to ~~said~~the image processing apparatus, the

representative image data being supplied preferentially before the image data ~~connected via said network~~; and

~~said~~the image processing apparatus includes:

second obtaining means for obtaining ~~said~~the representative image data and ~~said~~the image data supplied from ~~said~~the image managing apparatus;

displaying means for displaying ~~said~~the representative image data obtained by ~~said~~the second obtaining means; and

storing means for storing ~~said~~the representative image data and ~~said~~the image data obtained by ~~said~~the second obtaining means in association with each other.

3.   (currently amended) An image pickup device, comprising:

image pickup means for picking up an image of a subject and generating image data;

generating means for generating representative image data representing ~~said~~the image data generated by ~~said~~the image pickup means; and

supplying means for supplying ~~said~~the representative image data ~~preferentially before said~~and the image data ~~in supplying said image data and said representative image data~~ to another apparatus ~~connected via a network~~, the representative image data being supplied preferentially before the image data.

4.   (currently amended) The image pickup device as set forth in claim 3, wherein:

when ~~said~~the image pickup means generates new ~~said~~image data while ~~said~~the supplying means is supplying ~~said~~the image data to ~~said~~the another apparatus, ~~said~~the generating means generates new representative image data representing the new image data, and the supplying means preferentially supplies the new ~~said~~representative image data ~~representing the new said~~

6

~~image data, the new said representative image data being~~
~~generated by said generating means,~~ to ~~said~~the another apparatus
before ~~said~~the image data being supplied.

5.   (currently amended) The image pickup device as set
forth in claim 3, further comprising receiving means for
receiving control information on supply of ~~said~~the image data,
        wherein ~~said~~the supplying means supplies ~~said~~the image
data to ~~said~~the another apparatus based on ~~a basis of said~~the
control information received by ~~said~~the receiving means.

6.   (currently amended) The image pickup device as set
forth in claim 4, wherein:
        ~~said~~the supplying means supplies related information on
~~said~~the image data to ~~said~~the another apparatus together with
~~said~~the representative image data or the new ~~said~~ representative
image data.

7.   (currently amended) The image pickup device as set
forth in claim 6, further comprising:
        receiving means for receiving a first cryptographic key
supplied by ~~said~~the another apparatus;
        cryptographic key generating means for generating a
second cryptographic key for encrypting ~~said~~the image data
generated by said image pickup means;
        first encrypting means for generating first encrypted
data by encrypting ~~said~~the image data generated by ~~said~~the image
pickup means ~~by said~~using the second cryptographic key; and
        second encrypting means for generating second encrypted
data by encrypting ~~said~~the second cryptographic key ~~by said~~using
the first cryptographic key;
        wherein the related information on ~~said~~the image data is

~~said~~the second encrypted data.

8.   (currently amended) An image pickup method, comprising ~~steps of~~:

~~first generating for~~ generating image data obtained by picking up an image of a subject;

~~second generating for~~ generating representative image data representing ~~said~~the generated image data ~~generated by a process of said first generating step~~; and

~~supply controlling for~~ controlling supply so as to supply ~~said~~the representative image data ~~preferentially before said~~ and the image data ~~in supplying said image data and said representative image data~~ to another apparatus so that the representative image data is supplied preferentially before the generated image data~~connected via a network~~.

9.   (currently amended) The image pickup method as set forth in claim 8, wherein:

when the image data generating step generates new ~~said~~ image data ~~is generated by the process of said first generating step~~ while ~~said~~the generated image data is being supplied to ~~said~~the another apparatus, ~~said~~the representative image data generating step generates new representative image data representing the new image data, and the supply controlling step controls ~~said~~the supply so as to preferentially supply the new ~~said~~ representative image data ~~representing the new said image data, the new said representative image data being generated by a process of said second generating step,~~ to ~~said~~ the another apparatus before ~~said~~the image data being supplied.

10.   (currently amended) The image pickup method as set forth in claim 8, further comprising ~~a step of reception controlling for controlling reception of~~receiving control

information on supply of ~~said~~the image data,

wherein ~~said~~the supply controlling step controls ~~said~~the supply so as to supply ~~said~~the image data to ~~said~~the another apparatus based on ~~a basis of said~~the control information ~~received by a process of said reception controlling step~~.

11. (currently amended) The image pickup method as set forth in claim 9, wherein:

~~said~~the supply controlling step controls ~~said~~the supply so as to supply related information on ~~said~~the image data to ~~said~~the another apparatus together with ~~said~~the representative image data or the new ~~said~~representative image data.

12. (currently amended) The image pickup method as set forth in claim 11, further comprising ~~steps of~~:

~~reception controlling for controlling reception~~ ~~of~~receiving a first cryptographic key supplied by ~~said~~the another apparatus;

~~cryptographic key generating for~~ generating a second cryptographic key for encrypting ~~said~~the generated image data ~~generated by the process of said first generating step~~;

~~first encrypting for~~ generating first encrypted data by encrypting ~~said~~the generated image data ~~generated by the process of said first generating step by said~~using the second cryptographic key; and

~~second encrypting for~~ generating second encrypted data by encrypting ~~said~~the second cryptographic key ~~by said~~using the first cryptographic key;

wherein the related information on ~~said~~the image data is ~~said~~the second encrypted data.

13. (currently amended) A recording medium recorded ~~with~~on ~~which~~ a computer readable program for performing an image

9

pickup method, the method~~is recorded, said program~~ comprising
~~steps of~~:

~~first generating for~~ generating image data obtained by
picking up an image of a subject;

~~second generating for~~ generating representative image
data representing ~~said~~the generated image data ~~generated by a
process of said first generating step~~; and

~~supply controlling for~~ controlling supply so as to
supply ~~said~~the representative image data ~~preferentially before
said~~and the image data ~~in supplying said image data and said
representative image data~~ to another apparatus ~~connected via a
network~~so that the representative image data is supplied
preferentially before the generated image data.

14.   (cancelled)

15.   (new) An image processing system, comprising:
an image pickup device operable to transfer image data
obtained by picking up an image of a subject; and
an image processing apparatus operable to obtain the
transferred image data;
the image pickup device including:
an image pickup unit operable to pick up the image
of the subject and generate the image data;
a generator operable to generate representative
image data representing the image data generated by the image
pickup unit; and
a supplying unit operable to supply the
representative image data and the image data to the image
processing apparatus, the representative image data being
supplied preferentially before the image data; and
the image processing apparatus including:
an obtaining unit operable to obtain the

representative image data and the image data supplied from the image pickup device;

a displaying unit operable to display the representative image data obtained by the obtaining unit; and

a storage unit operable to store the representative image data and the image data obtained by the obtaining unit in association with each other.

16.   (new) An image processing system, comprising:

an image pickup device operable to transfer image data obtained by picking up an image of a subject;

an image managing apparatus operable to manage the transferred image data; and

an image processing apparatus operable to obtain the image data managed by the image managing apparatus;

the image pickup device including:

an image pickup unit operable to pick up the image of the subject and generate the image data;

a generator operable to generate representative image data representing the image data generated by the image pickup unit; and

a first supplying unit operable to supply the representative image data and the image data to the image managing apparatus, the representative image data being supplied preferentially before the image data;

the image managing apparatus including:

a first obtaining unit operable to obtain the representative image data and the image data supplied from the image pickup device;

a managing unit operable to manage the representative image data and the image data obtained by the first obtaining unit in association with each other; and

a second supplying unit operable to supply the

representative image data and the image data to the image
processing apparatus, the representative image data being
supplied preferentially before the image data; and

the image processing apparatus including:

a second obtaining unit operable to obtain the
representative image data and the image data supplied from the
image managing apparatus;

a displaying unit operable to display the
representative image data obtained by the second obtaining unit;
and

a storage unit operable to store the representative
image data and the image data obtained by the second obtaining
unit in association with each other.

17. (new) An image pickup device, comprising:

an image pickup unit operable to pick up an image of a
subject and generate image data;

a generator operable to generate representative image
data representing the image data generated by the image pickup
unit; and

a supplying unit operable to supply the representative
image data and the image data to another apparatus, the
representative image data being supplied preferentially before
the image data.